



## Solving Linear Equations

### Today's Standard

8.EE.C7 - Solve linear equations in one variable.

### Real-World Applications for this Standard

Balancing a budget; Calculating distances; Determining rates of change; Solving for unknown quantities in recipes; Predicting expenses

### Today I Learned

Today, we learned how to solve linear equations in one variable. This means finding the value of a letter that makes the math sentence true.

### Common Stumbling Blocks

Sometimes, kids think the letter must always be on one side of the math sentence. Another tricky part is believing that adding or taking away the same number from both sides changes the answer. But that's not true!

### Quiz Me

- What is a variable?
- What happens if you add the same number to both sides of an equation?
- Can the variable be on either side of the equation?
- What is the first step in solving an equation?
- What does it mean to balance an equation?

### Help Me

Solving equations is like balancing a scale. If you add or take away the same thing from both sides, the scale stays balanced. This helps us find the missing number that makes the math sentence true.